

ABSTRACT

A liquid crystal display device comprises a liquid crystal cell (3) comprised of a pair of substrates (32, 34), each transparent, and a liquid crystal layer (31) sealed in a gap formed therebetween, capable of exerting optical changes on incident light by applying a voltage to the liquid crystal layer (31), a first polarizer (1) installed on a visible side of the liquid crystal cell (3), and a second polarizer (5) and an auxiliary light source (10), installed on the side of the liquid crystal cell (3), opposite from the visible side thereof, wherein the first polarizer (1) is a polarizer allowing a first linearly polarized light component to pass therethrough, the second polarizer (5) is a polarizer reflecting a second linearly polarized light component while allowing a third linearly polarized light component vibrating in the direction orthogonal to the direction of vibration of the second linearly polarized light component to pass therethrough, a third polarizer (6) allowing a fourth linearly polarized light component to pass therethrough is disposed between the second polarizer (5) and the auxiliary light source (10), and an intersecting angle formed by the direction of vibration of the third linearly polarized light component and that of the fourth linearly polarized light component is rendered to be in a range of minus 45 degrees to plus 45 degrees.